Title (en)

SOFC CATHODE AND METHOD FOR COFIRED CELLS AND STACKS

Title (de)

SOFC-KATHODE UND VERFAHREN FÜR ZUSAMMEN GEBRANNTE ZELLEN UND STAPEL

Title (fr)

CATHODE DE PILES À COMBUSTIBLE À OXYDE SOLIDE ET PROCÉDÉ POUR PILES ET EMPILEMENTS COCUITS

Publication

EP 2380230 A2 20111026 (EN)

Application

EP 09837127 A 20091229

Priority

- US 2009069725 W 20091229
- US 20403408 P 20081231

Abstract (en)

[origin: US2010167164A1] A solid oxide fuel cell includes an anode layer, an electrolyte layer over a surface of the anode layer, and a cathode layer over a surface of the electrolyte layer. The cathode layer includes a cathode bulk layer, a porous cathode functional layer at an electrolyte, an intermediate cathode layer partitioning the cathode bulk layer and the porous cathode functional layer, the porous intermediate cathode layer having a porosity greater than that of the cathode bulk layer. The solid oxide fuel cells can be combined to form subassemblies that are bonded together to form solid oxide fuel cell assemblies.

IPC 8 full level

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CPC (source: EP KR US)

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